JUZU RUGU HUMA IO ANDO ZOO

Please type a plus sign (+) inside this box  $\longrightarrow$  |+|PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Myder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 09/831,047 **TRANSMITTAL** Filing Date Mav 3, 2001 **FORM** First Named Inventor Magdalena Blaszczyk-Thuin Group Art Unit (to be used for all correspondence after initial filing) **Examiner Name** Attomey Docket Number | WST93AUSA Total Number of Pages in This Submission **ENCLOSURES** (check all that apply) After Allowance Communication Assignment Papers Fee Transmittal Form (for an Application) to Group Appeal Communication to Board Fee Attached Drawing(s) of Appeals and Interferences Appeal Communication to Group Licensing-related Papers Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition After Final Proprietary Information Petition to Convert to a Affidavits/declaration(s) Provisional Application Status Letter Power of Attorney, Revocation Change of Correspondence Other Enclosure(s) (please Extension of Time Request Address identify below): Terminal Disclaimer 2 pp. Letter **Express Abandonment Request** 2 pp. Form PCT/Do/Eo/905 Request for Refund Diskette Information Disclosure Statement 1 Copy of postcard CD, Number of CD(s) \_\_\_\_ Certified Copy of Priority

Remarks

	to Missing Parts FR 1.52 or 1.53
	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT
Firm or Individual name	HOWSON AND HOWSON Mary E. Bak
Signature	1870.4 2 BL
Date	August 14, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Typed or printed name Signature

Document(s)

Response to Missing Parts/

Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

00270

PATENT TRADEMARK OFFICE

## WST93AUSA IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In reape Application of	Group Art Unit:
Magdalena Blaszczyk-Thurin et al	) )Examiner:
Appln No. 09/831,047	)
Filed: May 3, 2001	)
For: COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER	) ) )August 14, 2001

Assistant Commissioner for Patents Washington, DC 20231 Attn: Shelby Vigil, Paralegal

## **LETTER**

Sir

In response to the Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/ or Amino Acid Sequence Disclosures in the above-identified application, dated June 15, 2001, attached please find:

- (a) the requested diskette, with the Sequence Listing in computer readable format as required by 37 CFR 1.821 (e);
- (b) a copy of this Notice; and
- (c) a copy of the USPTO receipt-stamped postcard providing evidence that the diskette was originally filed with the application.

In a telephone conference with Shelby Vigil, Applicant was advised that only the diskette was missing from the materials filed with the application on May 3, 2001.

The substitute computer readable diskette contains the same content as the paper copy of the Sequence Listing filed with the application on May 3, 2001. No new matter is contained on this diskette. Please enter this computer readable diskette into the application file. If further information is needed, the examiner or paralegal is requested to notify the undersigned at 215 540 9206.

The Director is hereby authorized to charge any deficiency or credit any overpayment in any fee due with this paper to our deposit account number 08-3040.

Respectfully submitted, HOWSON AND HOWSON Attorneys for the Applicants

By

Mary E Bak

Registration No. 31,215

Spring House Corporate Center

Box 457

Spring House, PA 19477

Telephone: (215) 540-9200

Telefacsimile: (215) 540-5818

.

Inventor Mandalera Bluszcz III De Atty Sec Messica Date 5-3-01
Inventor Kundalera Bluszczyk-Thin Charles Date 5-301
Title Compositions as weathers for The following has been recovered for The
The following has been and the Tr
The same of the U.S. Patent and Trademan and
The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon  pp. Spec . The Claims Abstract
pp. Spec . To Claims. 1e Abstract pp Amendment: OA dtd
The state of Allocation and the state of the
pp. Verified Statement (Small Entry)  pp. Response: OA dtd
Shts. Informal Drawings  Shts. Formal Drawings  Pp. Assignment  Shts. Informal Drawings  Notice of Appeal & Fee
shts Formal Drawings (Co. 16) — Issue Feb 7 8 7 7 7
Pp. Assignment — Notice of Appeal & Fee
Pp. Assignment  — Pp. Preliminary Amendment A  — Pp. Extension of Time  Notice of Appeal & Fee  Check #16536 for \$796.00
pp. Freiminary Amendment A Check # 16536 for \$794.41
The published of the second of
— pp. Information Disclosure Statement with PTO-1449 and 3013 Statement
with PTO 1442
with PTO-1449 and references references Secure Cot
The Patent and Trademark Diffice is received by
The Patent and Trademark Office is respectfully requested to place its stamp on this postal card and clace  Respectfully. Office is respectfully. Offi
place its stamp on this postal card and place
CKPIRSS ICI NO.
HOWSON A THOUSEN THE PARTY OF T
JC17 Rec'ip Driving you
ETU3364910245 JU17 Rec'd PCT/PTUSON 3 MAY 200.
JC17 Rec'u PCT/PTO/SON 3 MAY 200;

ents, Box PCT emark Office I. D.C. 20231 www.uspio.gov

	1	RADEMARK OFFICE		
U S APPLICATION NO			United	Commissioner for Patents, Bo States Patent and Trademark
		FIRST NAMED APPLICANT		Washington, D.C.
09/831047		BLASZCZYK-THURIN		ATTY DOCKET NO
1	•		M	WST93AUSA
HOWSON AND HOW	SON		INTERNATIONA	L APPLICATION NO
HOWSON AND HOW ONE SPRING HOUSE BOX 457 321 NORRISTOWN R	E CORPORATION	CENTER COOK OF THE	PCT/U	S99/26277
321 NORRISTOWN R	POAD [	DI TIPLE TO THE PARTY OF THE PA		
SPRING HOUSE, PA	19477		LA FILING DATE	PRIORITY DATE
1		G JUN 1 6 2063	05 NOV 99	06 NOV 98
		31 1		
NOTIFICATION (	OF MISSING 1	REQUIREMENTS UNDER NATED/ELECTED OFFICE	DATE MAILED	15 JUN 2001
S	TATES DESIG	WATER TO THE WATER	35 U.S.C. 371 IN	TO SON COUL
3	Y C UCCII (III) mirred L	11 Ab a - 12	~ (20/20/03)	THE ONLLED
Office as	signated Office (37 (	OFR 1.494) an Elected Office ( Indication of Small E	ted States Patent and T	radom de Tr. Williams
U.S. Basic Nat	tional Fee.	an Elected Office (	(37 CFR 1.495):	tagemark TALL THE
Copy of the int	emational annlication	Indication of Small Entire	v Status	(1) Lange (1)
(x) Cath of Declar	ation of inventors(c)	internal	Rional analisms	
Li copy of Afficie	: 19 amendments	Translation of Article 19	amendments into Engl	lish.
E Friority Docum	ent.			,
The Internationa	al Preliminary Exam	lination Report in English and its Ai		
[ I ranslation of A	innexes to the Intern	lination Report in English and its Ai lational Preliminary Examination Re	nnexes, if any.	
2.  Applicant has sooned		Examination Re	port into English.	
the indicated items in passes	d early processing u	nder 35 U.S.C. 371(f) but has not fasic National Fee and the copy of the	Maria a	
prior to 20 or 30 months from	ph 3 below. The Ba	nder 35 U.S.C. 371(f) but has not fasic National Fee and the copy of the avoid abandonment.	iled the following indicate	cated items and/or
prior to 20 or 30 months from U.S. Basic Natio	r the priority date to	avoid abandonment.	applica	tion must be filed
		COPY of the international		
3. The following items MUS	T be furnished withi	n the period set forth below in order		
Translation of	71:	in the period set forth below in order	r to complete the requi	frements for
La regulation of t	the application into	English. A processing fee will be re	· ·	rements 101
The current	appropriate 20 or :	80 months from the priority date.	equired if submitted	
Translation		to the reasons indicated on the a	Mached Norice - 5 D. a	
b. Processing fee f	for providing the to	malasi a s	Mached Notice of Defe	ective
appropriate 2	0 or 30 months from	nslation of the application and/or the	e Annexes later than the	
Contactatat	100 Of the inventors	: 1.492(f)	1)	
the application	n (preferable by	m compliance with 37 CFR 1.497	(a) and (b) property is	lentifvina
surcharge will	be required if subn	nitted later than the appropriate 20	d international filing d	ate). A
The current or	th or dealers.	International application number an nitted later than the appropriate 20 o	or 30 months from the	priority
indicated on th	le attached Domin a	es not comply with 37 CFR 1.497(a	1) and (b) for the	
d. Surcharge for pro	oviding the path or d	/EO/917, leclaration later than the appropriate	y and (b) for the reaso	ns
4 Addising 1 priority date (3	7 CFR 1.492(e))	ectaration later than the appropriate	20 or 30 months from	1 the
claim fee and	as a	large entity - small		· the
due (37 CFR 1 402(a)) a	nt must submit the a	large entity small entity, including additional claim fees or cancel the additional claim fees or cancel the additional claim.	ng any required multip	ele dependent
	4 4 0 0 7 5 .		Ciantity for Mil	ICD fees are
5. Applicant has not submitted	the required and	nce listing pursuant to 37 CFR 1.82		
PCT/DO/EO/920.	, the required sequer	ice listing pursuant to 37 CFR 1.82	1-1.825. See attachae	1
ALL OF THE TOTAL			occ attached	
ALL OF THE ITEMS SET FOR MONTHS FROM THE DATE OF THE PRIORITY DATE FOR THE	TH IN 3(a)-3(d), 4	AND 5 AROVE AGIOT TO		
MONTHS FROM THE DATE OF THE PRIORITY DATE FOR THE RESPOND WILL RESULT IN A	F THIS NOTICE	OR BY 22 OR 32 MONTHS (who	MITTED WITHIN T	WO (2)
THE PRIORITY DATE FOR THE RESPOND WILL RESULT IN A	TE APPLICATION	, WHICHEVER IS LATER. FA	THE TO PROPER	lies) FROM
	COMMENT.		or to troper	U.Y
The time period set above may be e 1.136(a).	extended by filing a	petition and fee for any		
(2).	J	restor and ice for extension of tim	e under the provisions	of 37 CFR
0. If box 3a or 3c is shooted				
Annexes will be cancelled. A proce 7. The Article 19 amendments are 30 (37 CFR 1.495(d)) months from	essing fee will be anne	xes MUST be submitted no later tha	an the time pariou	
7. The Article 19 amendments are or 30 (37 CFR 1.495(d)) months from	re cancelled since a	furred if submitted later than 20 or 3	30 months from the per	above or the
or 30 (37 CFR 1.495(d)) months fro	m the priority date	translation was not provided by the	appropriate 20 (37 CF	R 1 494(4))
Applicant is reminded the	proving date.		(= : 0:	1(1.454(u))
Applicant is reminded that any commiddress given in the heading and incl	nunication to the Un	ited States Patent and Trada-	61° -	
iddress given in the heading and incl	ude the U.S. applica	ition no. shown above. (37 CFR 14	trice must be mailed to	) the
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<i>)</i>	
nclosed: PCT/DO/EO/917	ws nonce MU	ST be returned with this	Tespones	/ \
PTO-875			- sponse.	$\mathbf{y} = 1 \cdot 1$
_	X PC 1/DO	/FC3/97/1		142/
ORM PCT/DO/EO/905 (March 200)	1)	SHELBY VIGIL,P	PARALEG \( \)	$\mathcal{W}$
		Telephone: 703-305-3	3653	~ 1.

tents, Box PCT demark Office on, D.C. 20231

09/831047	FIRST NAMED APPLICANT	Washingto
	BLASZCZYK-THURIN	ATTY, DOCKET NO
	· OLOZIN-I TUKIN	M WST93AUSA
DWSON AND HOWSON		INTERNATIONAL APPLICATION NO
NE SPRING HOUSE CORPOR OX 457	MIONICENTER	PCT/US99/26277
1 NORRISTOWN ROAD		I A FUINCE
RING HOUSE, PA 19477	1 1 1 1 2001 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I A FILING DATE PRIORITY DATE
		05 NOV 99 06 NOV 98
OTIETCATION	Eddin Odies	DATE MAIL CD
CONTAINING MUCK	PLY WITH REQUIREMENTS F	OR PATENT APPLY - 15
SOUTHWING NUCLI	PLY WITH REQUIREMENTS F EOTIDE SEQUENCE AND/OR A DISCLOSURES	MINO ACID SEQUENCE
icant has submitted papers	under 35 U.S.C. 371 to enter the na elow, however, are missing. The n	and
rica. The items indicated b	elow, however, are missing. The	itional stage in the United States
iency noted below and avoi	under 35 U.S.C. 371 to enter the na elow, however, are missing. The p d abandonment is set forth in the ac	eriod within which to correct the
	are ac	COMPANYING NATITIONS
the requirements for	d sequence disclosure contained in t disclosure as set forth in 37 CFR 1	his application de-
n(s):	d sequence disclosure contained in t disclosure as set forth in 37 CFR 1.	821-1.825 for the follow:
		rol are following
The application fails to	2 Comply with a	
This application does	comply with the requirements of 3	7 CFR 1.821-1.825.
A copy of the "Sequen	ppy or compact disc, as required by ce Listing, in computer readily	37 CFR 1.821(c)
required by 37 CFR 1.8		rmat has not been submitted as
A copy of the "Sequence	ce Listing" in computer readable for readable form, however, does	and the second s
Contant - Cd	in computer readable for	m has been submitted. The
content of the computer	readable form	
37 CFR 1.822 and/or 1.	readable form, however, does not	comply with the requirements of
3/ CFR 1.822 and/or 1. Sequence Listing."	832, as indicated on the attached m	comply with the requirements of arked-up copy of the "Raw
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable	832, as indicated on the attached m	comply with the requirements of arked-up copy of the "Raw
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreadable	832, as indicated on the attached m	comply with the requirements of arked-up copy of the "Raw oplication has been found to be
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readables.	832, as indicated on the attached m form that has been filed with this apable as indicated on the attached CR	omply with the requirements of arked-up copy of the "Raw oplication has been found to be F Diskette Problem Report.
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable.  The paper copy or comp	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as request disc of the "Sequence I."	comply with the requirements of arked-up copy of the "Raw oplication has been found to be IF Diskette Problem Report. A uired by 37 CFR 1.825(d).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable.  The paper copy or comp	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as request disc of the "Sequence I."	comply with the requirements of arked-up copy of the "Raw oplication has been found to be IF Diskette Problem Report. A uired by 37 CFR 1.825(d).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable.  The paper copy or comp	832, as indicated on the attached m form that has been filed with this apable as indicated on the attached CR	comply with the requirements of arked-up copy of the "Raw oplication has been found to be IF Diskette Problem Report. A uired by 37 CFR 1.825(d).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable.  The paper copy or comp	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as request disc of the "Sequence I."	comply with the requirements of arked-up copy of the "Raw oplication has been found to be IF Diskette Problem Report. A uired by 37 CFR 1.825(d).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable.  The paper copy or comp	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as request disc of the "Sequence I."	comply with the requirements of arked-up copy of the "Raw oplication has been found to be IF Diskette Problem Report. A uired by 37 CFR 1.825(d).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable to readable computer readable form Computer readable form  Other:	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as requart disc of the "Sequence Listing" is of the "Sequence Listing" as required.	comply with the requirements of arked-up copy of the "Raw oplication has been found to be of Diskette Problem Report. A uired by 37 CFR 1.825(d). Is not the same as the red by 37 CFR 1.821(e).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable to readable computer readable form Computer readable form  Other:	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as requart disc of the "Sequence Listing" is of the "Sequence Listing" as required.	comply with the requirements of arked-up copy of the "Raw oplication has been found to be of Diskette Problem Report. A uired by 37 CFR 1.825(d). Is not the same as the red by 37 CFR 1.821(e).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable to readable computer readable form computer readable form Other:  ANT MUST PROVIDE:  An initial or substitute computer c	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as request disc of the "Sequence Listing" is of the "Sequence Listing" as requiremental metable form (CRE).	comply with the requirements of arked-up copy of the "Raw oplication has been found to be if Diskette Problem Report. A uired by 37 CFR 1.825(d). Is not the same as the red by 37 CFR 1.821(e).
Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable readable computer readable form the paper copy or computer readable form Other:  ANT MUST PROVIDE:  An initial or substitute computer page of the paper copy or computer readable form the paper copy or copy	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as requact disc of the "Sequence Listing" is of the "Sequence Listing" as requirement of the "Sequence Listing" as requirement of the copy or compact disc of the "Report of the "Sequence Listing" as requirement of the sequence copy or compact disc of the "Report of the sequence Listing" as requirement of the sequence Listing " as requirement of t	comply with the requirements of arked-up copy of the "Raw oplication has been found to be if Diskette Problem Report. A uired by 37 CFR 1.825(d). Is not the same as the red by 37 CFR 1.821(e).
3/ CFR 1.822 and/or 1. Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable to readable form to the paper copy or computer readable form to ther:  ANT MUST PROVIDE:  An initial or substitute computer amendment directing its end amendment directing its end.	832, as indicated on the attached me form that has been filed with this apable as indicated on the attached CR dable form must be submitted as requested disc of the "Sequence Listing" is of the "Sequence Listing" as required on the "Sequence Listing" as required the "Sequence CRF) of the per copy or compact disc of the "Sequence CRF) and the per copy or compact disc of the "Sequence CRF) and the per copy or compact disc of the "Sequence CRF) and the per copy or compact disc of the "Sequence CRF).	comply with the requirements of arked-up copy of the "Raw oplication has been found to be if Diskette Problem Report. A uired by 37 CFR 1.825(d). Is not the same as the red by 37 CFR 1.821(e).  "Sequence Listing."  quence Listing," as well as an
Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable form The paper copy or computer readable form Other:  ANT MUST PROVIDE:  An initial or substitute computer paper amendment directing its end as a statement that the context of the context in the co	832, as indicated on the attached m form that has been filed with this apable as indicated on the attached CR dable form must be submitted as requact disc of the "Sequence Listing" is of the "Sequence Listing" as required form (CRF) of the per copy or compact disc of the "Sentry into the specification.	comply with the requirements of arked-up copy of the "Raw oplication has been found to be opli
Sequence Listing."  The computer readable damaged and/or unreads substitute computer readable form The paper copy or computer readable form Other:  ANT MUST PROVIDE:  An initial or substitute computer paper amendment directing its end as a statement that the context of the context in the co	832, as indicated on the attached m form that has been filed with this apable as indicated on the attached CR lable form must be submitted as requact disc of the "Sequence Listing" is of the "Sequence Listing" as required on the specification.	comply with the requirements of arked-up copy of the "Raw oplication has been found to be opli

FOR CAI

(703) 308-4216, for Rules interpretation,

(703) 308-4212, for CRF submission help,

(703) 287-0200, for Patentln software help.

SHELBY VIGIL, PARALEG
Telephone: 703-305-3653

FORM PCT/DO/EO/920 (March 2001)